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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

		Complete If Known					
	Application Number	10/695,252					
	Filing Date	October 27, 2003					
ĺ	First Named Inventor	Norman C. Fawley					
ĺ	Art Unit	1732					
	Examiner Name	Not Yet Assigned					
	Attorney Docket Number	59910P003					

	U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No.'	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Data or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
PB		US-2,970,633	02-07-1961	S. L. Ballard	
PB		US-3,780,591	12-25-1973	Clavin, et al.	
PB		US-4,132,104	01-02-1979	Clavin	
PB		US-6,146,482	11-14-2000	Patton, et al.	
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		FÖI	REIGN PATEN	IT DOCUMENTS		
Examiner	Cite	Foreign Patent Document			Pages, Columns, Lines,	
tnitiats*	No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	۳
PB		EPO365297 A2	04-28-1990	E.I. Du Pont De Nemours		
		DE1110962	07-13-1961	Phoenix-Rheimola		<del>-</del>
PB		EP1086760 A2	03-28-2001	CRC-Evans Pipeline Intl., Inc.		
PB		GB1387343	03-19-1975	Deutsche Babcock Wilcox		L
PB		EP1110640 A2	06-27-2001	CRC-Evans Pipeline Intl., Inc.		
PB		EP0185460 A2	06-25-1986	Raychem Corporation		_
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Examiner Signature	/Patrick Butler/	(07/05/2006)	Date Considered	07/05/2006
Signature	/Factice Ducter/	(07/03/2000)	Considered	07/03/2006

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<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional), <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>9</sup>Applicant is to place a check mark here if English language Translation is attached.

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		201105	Application Number	10/695,252	
	TION DISCLO		Filing Date	October 27, 2003	
STATEME	NT BY APPL	ICANT	First Named Inventor	Norman C. Fawley	
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Sheet	1 of	1	Attorney Docket Number	59910P003	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
PB		TOM ZIMMERMAN, GARY STEPHEN and ALAN GLOVER, Composite Reinforced Line Pipe (CRLP) for Onshore Gas Pipelines, Presentation, December 2001, 35 pgs.	
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Examiner Initials*	Cite No.1	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date Issue Date MM-OD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Cotumns, Lines, Where Relevant Passages or Relevant Figures Appear	
PB		US-31,960	07-30-1985	Phillips		
PB		US-4,559,974	12-24-1985	Fawley		
PB		US-5,287,987	02-22-1994	Gaiser		
PB		US-2003/0037885	02-27-2003	Hauber		
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PB		CA2299644	08-25-2001	Ellyin, et al.		
PB		CA2181497	01-19-1998	Ellyin		
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Signature	/Patrick Butler/	(07/05/2006)	Considered	07/05/2006	
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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
PB		NORMAN C. FAWLEY, Report of Severe Abuse Tests Conducted on Composite Reinforced Aluminum CNG (Compressed Natural Gas) Vehicle Fuel Cylinders, SAE Technical Paper Series 831068, Pages 27-38, CNG Cylinder Corporation	
		Dasic Requirements for Fiber Reinforced Plastic (FRP) Type 3HW Composite Cylinders, DOT article, January 15, 1982 (original) and January 4, 1987 (revision), Pages 1-20	
PB		N. C. HENDERSON, S. C. FORD, F. A. SIMONEN and R. D. WINEGARDNER, Computer-Aided Stress Analysis, One-Cycle Burst Experiments, and Cyclic Fatigue Experiments on Fiberglass-Filament-Reinforced Aluminum Gas Cylinders for Use With the Swimmer Delivery Vehicle, Summary Report, March 1975, Supdiv Report No. 2-75, BATTELLE Columbus Laboratories	
PB		C. J. KUHLMAN, S. ROY, K. PAGALTHIVARTHI and C. H. PARR, Southwest Research Institute - U.S.A., D. S. STEPHENS, R. B. FRANCINI and T. J. KILLINSKI, Battelle - U.S.A. and V. L. HILL, Gas Research Institute - U.S.A., Repair of Damaged Gas Transmission Pipelines With Composite Material Reinforcements, Article prepared for the 1992 International Gas Research Conference, Pages 610-619	
PB		CRLP Axial Fracture Arrest Resistance and Criterion, Excerpt from Composite Reinforced Linepipe (CRLP) Engineering Due Diligence Final Report by Engineering Mechanics Corporation of Columbus, October 2000, 6 pages	
РВ		CRLP Axial Through-Wall Fracture Initiation Resistance and Criterion, Excerpt from Composite Reinforced Linepipe (CRLP) Engineering Due Diligence Final Report by Engineering Mechanics Corporation of Columbus, April 2000, 4 pages	
PB		Composite Reinforced Pressure Vessels (CRPV) - SC Pressure Vessels (SC VIII), Presentation by TransCanada, May 17, 2001, Pages 9-14	

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STATEMENT BY APPLICANT

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PB		CRAIG RILEY, NORMAN FAWLEY and TREVOR MACFARLANE, Composite Reinforced Pressure Vessel Laminate Layer - Discussion Paper and Rationale, June 27, 2001, Article, Pages 1-17	
PB		TRANSCANADA, Composite Reinforced Pressure Vessels (CRPV) - Special Working Group - High Pressure Vessels, July 25, 2001, Presentation by TransCanada, Pages 18-24	
PB		Appendix 2 - Supporting Documentation, Responses to Comments, February 22, 2002, Pages iv-xi	
PB		Appendix 4 - Consequence Discussion from Composite Reinforced Pressure Vessel Risk Assessment, Responses to Comments, February 22, 2002, 3 pages	
PB		Appendix 5 - Simple Analysis of the Resisudal Stresses in a FRP/Steel Pressure Vessel Caused by Thermal Expansion, Responses to Comments, February 22, 2002, 4 pages	
PB		TRANSCANADA, Gas Transport Module Inland Hopper Barge - Composite Reinforced Vessel Detail, Drawing, January 8, 2001, Drawing No. A1-DWG-ME-001	

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